

PATENT CLAIMS

1. Foldable mosquito-free patio,
c h a r a c t e r i z e d b y that roof and three of the walls consist of mosquito net (2) mounted on a system of for example three revolving frames (3), (4), (11) with axis of rotation at the foot of the wall (1) that forms the fourth side of the patio.
2. Foldable mosquito-free patio in accordance with Claim 1,
c h a r a c t e r i z e d b y that the mosquito net forming the roof and one of the walls in folded condition is rolled up on a horizontal spring-driven roll (9) mounted on the wall (1), and that each one of the two other sides of mosquito net are rolled up on a spring-driven vertical roll (10).
3. Foldable mosquito-free patio in accordance with Claim 1,
c h a r a c t e r i z e d b y that the un- and up-folding of the structure is achieved by means of hydraulic piston-cylinders (13) hinged by one end to the wall (1) and mutually series-connected by pipes and/or hoses (14), and that the piston (16) of one cylinder via the hose (17) is driven by a motor- or manually driven pump (15).
4. Foldable mosquito-free patio in accordance with Claim 1,
c h a r a c t e r i z e d b y that the end of the piston (23), possibly via a connecting link (27), on one side is supplied with a gudgeon or roll (20) moving inside a longitudinal casing (21) mounted on the side of the frame (11) and formed with an expansion (25), and that the piston on its side facing the wall (1) either has an expansion (22) that can slide on the outer side of the wall, or that a console (22) with sloping top side is mounted in the plane of motion of the piston.
5. Foldable mosquito-free patio in accordance with Claim 1,
c h a r a c t e r i z e d b y that the un- and up-folding of the structure takes place by means of manually-, electrically-,

hydraulically-, or pneumatically driven motors (18) for rotation of the pipes (5).

6. Foldable mosquito-free patio in accordance with Claim 1, characterized by that the profile (19) in the frame (11) is replaced by a roll which in connection with the roll (9) can exchange one continuous sheet consisting of sections of mosquito net, sun-tight cloth and transparent rain-tight cloth, respectively.

7. Foldable mosquito-free patio in accordance with Claim 1, characterized by that the nets (2) of the sides and the roof of the structure are joined to constitute one continuous tent fastened to the frames (3), (4) and (11).

8. Foldable mosquito-free patio in accordance with Claim 1, characterized by that elastic material is woven into the mosquito net (2) for contraction of the net.

9. Foldable mosquito-free patio in accordance with Claim 1, characterized by that the mosquito net (2) is supplied with springs (32) for folding of the net.

10. Foldable mosquito-free patio in accordance with Claim 1, characterized by that both sides of the bottom frame (11) contains a hinge (35) allowing for the outermost end of the frame to turn.

AMENDED CLAIMS

[received by the International Bureau 13 January 2005 (13.01.05);
original claim 1 amended; remaining claims unchanged (1 page)]

1. Foldable mosquito-free patio,
c h a r a c t e r i z e d b y that three of the walls consist of mosquito
net (2) mounted on a system of for example three revolving frames (3), (4),
(11) with axes of rotation at the foot of the wall (1) forming the fourth side
of the patio, and that the roof consists of mosquito net or tight foldable
sheet material.